

ALERT SERVICE BULLETIN

Bell Helicopter **TEXTRON**

A Subsidiary of Textron Inc.

NO. 214-99-61

DATE 07-05-99

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DATE

REV

MODEL AFFECTED: 214B/B-1

SUBJECT: MAIN ROTOR STRAP PIN, P/N 214-010-117-001,
RECALL

HELICOPTERS AFFECTED: All 214B/B-1 Helicopters

COMPLIANCE: At the next scheduled tension-torsion strap/pin
change or within the next 120 days following
receipt of this bulletin, whichever occurs first

DESCRIPTION:

BHT has identified a number of P/N 214-010-117-001 main rotor strap pins which may not have been manufactured correctly. This has been isolated to one specific lot of parts from one specific vendor. The manufacturing defect is not field inspectable.

P/N 214-010-117-001 Pins with serial numbers EA - 1867 through EA - 2013, either installed or in spares, must be removed from service or stock and returned to BHT within the next 120 days or at the next tension-torsion strap/pin change after receipt of this Alert Service Bulletin, whichever occurs first,

APPROVAL:

Not required

MANPOWER:

Approximately 12.0 man-hours will be required to accomplish this bulletin per helicopter. No additional man-hours will be required if accomplished as part of a scheduled tension-torsion strap/pin change.

Man-hours are based on "hands-on-time". Elapsed time to accomplish the required maintenance task may vary due to manpower and facilities available to the operator.

WARRANTY:

Owners/operators of 214B helicopters who comply with the instructions outlined in this bulletin are eligible for a special warranty credit toward the 214-010-117-001 pins as outlined below:

Credit allowed will be based upon hours used directly prorated to 2500. Example: 2500 minus total pin hours divided by 2500 equal the allowed credit (2500-1500 = 1000. 1000 divided by 2500 = 0.40 or 40% credit).

To receive this credit:

- Obtain the replacement pins through an authorized BHTI supply source.
- Comply with the instructions outlined in this bulletin no later than 120 days following its receipt.
- Send a completed malfunction report (MR) to BHT Warranty Administration and return suspect parts to the "Ship parts to:" address noted on the back side of the MR form.

- NOTE -

Customers who fail to comply with the instructions in this bulletin within 120 days following its receipt are not eligible for the special warranty credit provisions listed above.

MATERIAL:

Required Material:

The following material is required for the accomplishment of this bulletin and may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>
214-010-117-001	Pin	4
214-010-180-001	Packing	2
214-010-180-003	Packing	2
M83248/1-010	Packing	8
M83248/1-030	Packing	8
M83248/1-157	Packing	2
MS21042L4	Nut	4
NAS1523-8Y	Sealing Washer	2

Consumable Material:

The following material is required to accomplish the bulletin, but may not require ordering, depending on the operators consumable material stock levels. This material may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Quantity</u>
AS100028	Lockwire	1
MIL-C-16173,GR2 6OZ	Corrosion Prevent. Comp.	1
MIL-L-46152 GR 10W30	Oil	1

SPECIAL TOOLS:

Refer to the Model 214B/B-1 Component Repair & Overhaul Manual, Chapter 65, for any special tool requirements.

WEIGHT AND BALANCE:

Not affected

ELECTRICAL LOAD DATA:

Not affected

REFERENCES:

BHT-214B-MM-1, Chapter 65
BHT-214B-CR&O-1, Chapter 65
BHT-214B-IPB, Chapter 62

PUBLICATIONS AFFECTED:

None

ACCOMPLISHMENT INSTRUCTIONS:

1. Review helicopter/spares parts records and/or other relevant historical records to determine the serial number of all installed and spare main rotor tension-torsion strap pins, P/N 214-010-117-001.

- a. Pins identified with serial number EA-1867 through EA-2013 must be removed from service or stock within the next 120 days or at the next scheduled tension-torsion strap/pin change after receipt of this Alert Service Bulletin, whichever occurs first.
 - b. Pins with serial number prefixes other than EA and pins with serial numbers outside the EA range noted in 1.a. above are not affected by this Alert Service Bulletin and no further action is required. See paragraph 4 below.
2. Remove and replace suspect P/N 214-010-117-001 pins identified in 1.a. above from main rotor hub assemblies in accordance with the 214B/B-1 maintenance publications.
 3. Return suspect pins, removed either from service or stock, to BHT as directed in the Warranty Section of this bulletin.
 4. Note compliance with this Alert Service Bulletin in the helicopter records.